**EXHIBIT D** 

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Picific Fatigue Laboratory

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UNIVERSITY OF THE Callede of the Pacific

August 16, 2011

Jason A. Newfield, Esq. 585 Stewart Avenue, Suite 312 Garden City, NY 11530

Dear Mr. Newfield

3801 Pacific Avenue. A Secretary Flease accept the following as my carefully considered : Standard, DA 98211 professional opinion regarding the cardiopulmonary exercise tests performed by Betsy Keller, Ph.D. at Ithaca College on Carol Martucci and the comments subsequently provided regarding the outcome of that testing, I can attest to the truth of the following statements and would testify to this in court, under eath, if called to do so,

> Firstly, my assessment of Dr. Keller's qualifications to perform and interpret a cardiopulmonary exercise test: I know Dr. Kelfer personally and am familiar with her work. She is a well-respected Professor of exercise physiology (not philosophy as noted in the response). scientist and chronic fatigue syndrome researcher. The American Heart Association do not require that cardiopulmonary exercise tests be performed by a physician, indeed in a recent publication they note that such testing has long been used in athletic and research settings.1 I am also familiar with the testing protocol used by Dr. Keller, It is identical to the protocols used in our own Pacific Fatigue Laboratory and follows guidelines published by the American College of Sports Medicine and endorsed by the American Heart Association.

> As for the test results, the patient gave good effort on both tests with no indication of malingering. While effort was good, it may not reflect a cardiovascular maximum. I will therefore limit my interpretation of the tests to those values obtained at the ventilatory or anaerobic threshold (V/AT). This is the point at which anacrobic metabolism increases in working muscles as aerobic metabolic capacity can no longer meet physiologic demands. V/AT constitutes a reliable, reproducible index of sub maximal exercise intensity that is more consistent with a patient's ability to perform daily activities. Working at intensities above V/AT evenually results in fatigue.

na 1900.046 296914 4 <sup>1</sup>4 4 www.pacific.edu/ The response to Dr. Keller's report is incorrect when it states that "selections" requite little at no according activity. As stated in the report, most activities of daily living (reaching, waiting at a narmal pace, computer use, office-type work, etc.) are associated to before and healthy individuals are able to perform such activities for prolonged periods of time with no menangial provided fatigue. If V/AT accurs at low oxygen consemption, pagnal daily activities may exceed the energy demands that can be put through acrobic metabolism, has requiring anaerobic metabolism to provide energy. This results in early onest fatigue and prolonged recovery.

Ms. Martineoi's covaries consimplians at the V/AT was between \$2, and \$3 in the mile and "This is not in the range of most healthy adojects" as argued in the response but meets accepted criteria for moderate to severe impairment (i.e., \$1 to \$2, min.) "The same that the person writing the obsponse was confugationed V/AT as a % of neck overes consumption was in the typical range. In Ms. Martineat case both oxygen consumption at peak exercise and oxygen consumptions at the V/AT were abnormally from the exercise test results above that many assumptions of daily home, would severely sax Ms. Martineot's capacity to produce sheeps seriobically. Walking at only 1 min extends has ansemble threshold and is likely to precipitate the onset/examptonic symptoms, including excessive fargue. This is both a demonstration of physical impairment and a quantification for Ms. Martineot's ability to function in a work environment.

Sincereis.

Christopher R. Stell, Ph.D.

## Kojarensii:

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